

# TUFFLITE IX

## Industrial Wet Location LED Emergency Light

Tufflite IX Industrial NEMA emergency lighting units are designed for use in hostile areas where oil, water and dust resistant equipment is required. The fibreglass enclosure meets the requirements of the following classifications:

**NEMA 4X:** Protects enclosed equipment against falling rain, splashing or hose directed water. Is undamaged by the formation of ice on the enclosure and is corrosion resistant.

**NEMA 12:** Protects enclosed equipment against dust, dirt and dripping water.



### CONSTRUCTION

- Impact resistant reinforced polyester fiberglass housing in grey finish. Suitable for NEMA 4, 4X, 12 and 13 applications.
- Hinged front access door for ease of maintenance
- External 4 hole mounting provision provides ease of installation with minimal cabinet intrusion
- Two fully adjustable, top mounted Par 36 style lampheads in high impact thermoplastic available with a variety of lamp types and wattage's
- Wet and damp location listed to UL 924

### ELECTRICAL

- Suitable for use in temperature range of 10°C to 40°C – heater option available for colder applications
- Choice of maintenance free sealed Lead Calcium or Nickel Cadmium batteries
- Premium, fully automatic current limited "Pulse Switching" charger provides ideal charge conditions for optimum battery performance and life
- Short Circuit battery protection
- Sealed external Momentary test switch and dual diagnostic LED indicator displays AC presence and Hi-Charge status
- Field selectable 120 or 277 VAC input
- Brownout sensing assures emergency operation during periods of low line voltage
- Line-latch prevents unnecessary discharge of battery during installation, loads will not illuminate until after application of utility power
- Low voltage cut-off prevents battery damage and ensures positive charge acceptance following an extended discharge
- Self Test / Self Diagnostic monitoring available

### ILLUMINATION

- Two fully adjustable, top mounted Par 36 style lampheads in high impact thermoplastic available with a variety of lamp types and wattages.

### CERTIFICATION

- Listed to UL 924, meets NFPA 101 Life Safety Code, NFPA 70-NEC and OSHA requirements
- Buy American Act compliant

### WARRANTY

- 3 year limited warranty- view complete warranty terms online at [www.evenlite.com/terms-warranty](http://www.evenlite.com/terms-warranty).

### OPERATING CHARACTERISTICS

| MODEL   | VOLTAGE | WATTAGE |       |      |      |
|---------|---------|---------|-------|------|------|
|         |         | 90 MIN  | 2 HRS | 3HRS | 4HRS |
| IX2N18  | 6       | 18      | 13    | 9    | 6    |
| IX2N22  | 6       | 22      | 17    | 11   | 7    |
| IX2E27  | 6       | 27      | 20    | 13   | 10   |
| IX2E36  | 6       | 36      | 27    | 18   | 13   |
| IX2N42  | 6       | 42      | 31    | 21   | 15   |
| IX2N54  | 6       | 54      | 40    | 27   | 20   |
| IX2E60  | 6       | 60      | 45    | 30   | 22   |
| IX4E72  | 12      | 72      | 54    | 36   | 27   |
| IX2N90  | 90      | 90      | 60    | 45   | 30   |
| IX2E100 | 6       | 100     | 75    | 50   | 37   |
| IX2E120 | 6       | 120     | 90    | 60   | 45   |
| IX4N130 | 12      | 130     | 97    | 65   | 48   |
| IX4E140 | 12      | 140     | 105   | 70   | 52   |
| IX4E160 | 12      | 160     | 120   | 80   | 60   |
| IX4E180 | 12      | 180     | 135   | 90   | 67   |
| IX4N200 | 12      | 200     | 150   | 100  | 75   |
| IX4E360 | 12      | 369     | 270   | 180  | 135  |
| IX6E360 | 24      | 36      | 270   | 180  | 135  |

NiCad Batteries deliver the same capacity per wattage as above for listed models 6V and 12V models deliver the same capacity per wattage as above listed models.

**ORDERING GUIDE**

IX2E27-L65-SD

| MODEL | OPERATING VOLTAGE / WATTAGE                        |  | LAMP OPTIONS <sup>1</sup>  | OPTIONS  | ORDERING NOTES |
|-------|--|--|--|--|----------------|
| IX    | <b>LEAD CALCIUM BATTERY<br/>90 MINUTE CAPACITY</b> | <b>NICKEL CADMIUM BATTERY<br/>90 MINUTE CAPACITY</b> | <b>W69</b> 6 Volt 9 Watt Tungsten Wedge Base<br><b>W129</b> 12 Volt 9 Watt Tungsten Wedge Base | <b>SD</b> Self Test / Self Diagnostic<br><b>V</b> Voltmeter<br><b>A</b> Ammeter<br><b>H120V</b> 120V Internal Heater (-20°C)<br><b>H277V</b> 277V Internal Heater (-20°C)<br><b>TD120V</b> 120V 15 Minute Time Delay<br><b>TD277V</b> 277V 15 Minute Time Delay<br><b>SR</b> Shatter Resistant Lamp Head Shield <sup>2</sup> |                |
|       | <b>2E18</b> 6 Volt – 18 Watts                      | <b>2N22</b> 6 Volt – 22 Watts                        | <b>L65</b> 6 Volt 5 Watt LED MR16 Lamps  |  |                |
|       | <b>2E27</b> 6 Volt – 27 Watts                      | <b>2N42</b> 6 Volt – 42 Watts                        | <b>L67</b> 6 Volt 7 Watt LED MR16 Lamps  |  |                |
|       | <b>2E36</b> 6 Volt – 36 Watts                      | <b>2N54</b> 6 Volt – 54 Watts                        | <b>L125</b> 12 Volt 5 Watt LED MR16 Lamps  |  |                |
|       | <b>2E60</b> 6 Volt – 60 Watts                      | <b>2N90</b> 6 Volt – 90 Watts                        | <b>L127</b> 12 Volt 7 Watt LED MR16 Lamps  |  |                |
|       | <b>2E72</b> 6 Volt – 72 Watts                      | <b>4N42</b> 12 Volt – 42 Watts                       | <b>L245</b> 24 Volt 5 Watt LED MR16 Lamps  |  |                |
|       | <b>2E100</b> 6 Volt – 100 Watts                    | <b>4N90</b> 12 Volt – 90 Watts                       | <b>L247</b> 24 Volt 7 Watt LED MR16 Lamps  |  |                |
|       | <b>2E120</b> 6 Volt – 120 Watts                    | <b>4N130</b> 12 Volt – 130 Watts                     |  |  |                |
|       | <b>4E27</b> 12 Volt – 27 Watts                     | <b>4N200</b> 12 Volt – 200 Watts                     |  |  |                |
|       | <b>4E36</b> 12 Volt – 36 Watts                     |  |  |  |                |
|       | <b>4E60</b> 12 Volt – 60 Watts                     |  |  |  |                |
|       | <b>4E72</b> 12 Volt – 72 Watts                     |  |  |  |                |
|       | <b>4E120</b> 12 Volt – 120 Watts                   |  |  |  |                |
|       | <b>4E140</b> 12 Volt – 140 Watts                   |  |  |  |                |
|       | <b>4E160</b> 12 Volt – 160 Watts                   |  |  |  |                |
|       | <b>4E180</b> 12 Volt – 180 Watts                   |  |  |  |                |
|       | <b>4E360</b> 12 Volt – 360 Watts                   |  |  |  |                |
|       | <b>6E360</b> 24 Volt – 360 Watts                   |  |  |  |                |
| IX    |  |  |  |  |                |

Fill in fields from categories above and complete type and part number.

Type No:

Full Part No:

**DIMENSIONS**

| CASE DIMENSIONS |        |         |       |        |       |
|-----------------|--------|---------|-------|--------|-------|
| MODEL           | A      | B       | C     | D      | E     |
| IX2N18          | 11.43" | 9.25"   | 5.43" | 6.31"  | 16.5" |
| IX2N22          | 11.43" | 9.25"   | 5.43" | 6.31"  | 16.5" |
| IX2E27          | 11.43" | 9.25"   | 5.43" | 6.31"  | 16.5" |
| IX2E36          | 11.43" | 9.25"   | 5.43" | 6.31"  | 16.5" |
| IX2N42          | 11.43" | 9.25"   | 5.43" | 6.31"  | 16.5" |
| IX2N54          | 13.43" | 11.25"  | 5.43" | 8.31"  | 18.5" |
| IX2E60          | 13.43" | 11.25"  | 5.43" | 8.31"  | 18.5" |
| IX4E72          | 13.43" | 11.25"  | 5.43" | 8.31"  | 18.5" |
| IX2N90          | 13.43" | 11.25"  | 5.43" | 8.31"  | 18.5" |
| IX2E100         | 13.43" | 11.25"  | 5.43" | 8.31"  | 18.5" |
| IX2E120         | 17.3"  | 15.375" | 6.25" | 12.25" | 22.5" |
| IX4N130         | 15.5"  | 13.375" | 6.25" | 12.25" | 22.5" |
| IX4E140         | 15.5"  | 13.375" | 6.25" | 12.25" | 22.5" |
| IX4E160         | 17.5"  | 15.375" | 6.25" | 12.25" | 23"   |
| IX4E180         | 17.5"  | 15.375" | 6.25" | 12.25" | 23"   |
| IX4N200         | 17.5"  | 15.375" | 6.25" | 12.25" | 23"   |
| IX4E360         | 17.5"  | 15.375" | 6.25" | 12.25" | 23"   |
| IX6E360         | 17.5"  | 15.375" | 6.25" | 12.25" | 23"   |



